

**SECTION I**  
**AMENDMENTS**

**IN THE CLAIMS:**

Please cancel claims 2, 5 and 11-21 without prejudice.

Please amend claim 3 as set forth below.

**Complete Listing of the Claims**

Upon entry of the present amendment, the claims will stand as follows. The following listing of the claims will replace all prior versions and listings of the claims in the present application:

1. (Previously presented) A transgenic rat, whose genome comprises at least one copy of a transgene encoding at least a portion of a CD4 protein sufficient for binding to gp120, operably linked to a PBMC-specific promoter sufficient for expression of the at least a portion of the CD4 protein, wherein CD4 encoded by the transgene is expressed on PBMCs of the transgenic rat and wherein the expressed CD4 is capable of binding gp120.
2. (Cancelled)
3. (Currently amended) The transgenic rat of claim ~~2~~1, wherein CD4 is human CD4.
4. (Original) The transgenic rat of claim 3, wherein the human CD4 is a full length CD4 protein.
5. (Cancelled)
6. (Original) A cell from the transgenic rat of claim 3.
7. (Original) A cell from the transgenic rat of claim 4.
8. (Original) The cell of claim 6, which is a germ cell.
9. (Original) The cell of claim 8, which is a somatic cell.
10. (Original) The cell of claim 6, which is an egg.
- 11-21. (Cancelled)